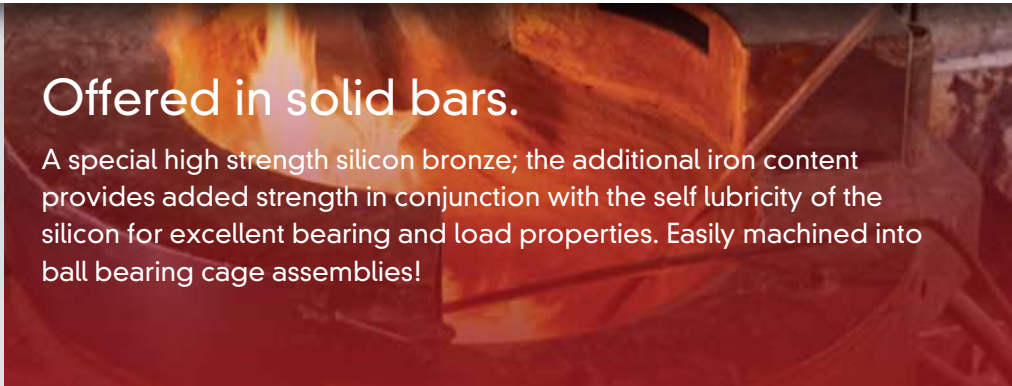


C65620

SILICON BRONZE (AMS 4616)

WWW.NBMMETALS.COM

LEADING MANUFACTURER & MASTER DISTRIBUTOR OF BRASS, BRONZE, & COPPER ALLOYS



Offered in solid bars.

A special high strength silicon bronze; the additional iron content provides added strength in conjunction with the self lubricity of the silicon for excellent bearing and load properties. Easily machined into ball bearing cage assemblies!

Sizes Available From NBM

SOLID BAR 5/8" - 4 1/2" diameter

Spec Equivalents

AMS 4616

Chemical Composition

	Cu ⁽¹⁾	Fe	Mn	Si	Zn
min/max	90	1.0-2.0	1.0	2.4-4.0	1.5-4.0
nominal	-	-	-	-	-

(1) Cu value includes Ag.
Note: Cu + Sum of Named Elements, 99.5% min.

Typical Uses

Aerospace

Anti-Friction Bearing Cages, Races, and Spacers

General Notes

All material is DFARS compliant and supplied with micro structures. All popular sizes are available from stock.

Room Temp Tensile & Hardness Data

TENSILE STRENGTH (KSI)	YIELD STRENGTH IN COMP. (KSI)	ELONGATION IN HD MIN	BRINELL (3000 KG)
56	20	30%	55



713-869-9600
sales@nbmmetals.com
www.nbmmetals.com

PO BOX 800818
HOUSTON, TX 77280
fax: 713-869-9124





**NATIONAL
BRONZE &
METALS, INC.**

713-869-9600
sales@nbmmetals.com
www.nbmmetals.com

PO BOX 800818
HOUSTON, TX 77280
fax: 713-869-9124

